



ABSTRACT

Fairing Arrangements for Aircraft

A fairing arrangement for bridging an aircraft fixed structure (14) and a control surface (10) hingedly mounted on and angularly displaceable with respect to the aircraft structure is provided, together with a method of producing a flexible seal member for such an arrangement. The fairing arrangement includes first and second fairing portions (22, 24) on the fixed aircraft structure (14) and control surface (10) respectively with an intermediate flexible seal (26) disposed between them. The flexible seal (26) is of composite construction being made of rubber-like material with a series of reinforcing plies (34<sup>1</sup> to 34<sup>5</sup>). The plies are of fabric construction and the seal is deformable to accommodate differential movement between the first and second fairing portions (22, 24) to provide a continuous seal therebetween.